

# CAL POLY REPORT

California Polytechnic State University  
San Luis Obispo, California 93407

May 10, 1979

Volume 30, Number 36

## Books at High Noon

Hazel Jones (Vice President for Academic Affairs) will review selected works of John Steinbeck at 12 noon, Tuesday (May 15) in the Staff Dining Room, to complete the Books at High Noon programs for the 1978-79 year. The public is invited to attend. In her talk, Dr. Jones will show how Steinbeck's second novel, *Pastures of Heaven*, relates to some of his other works. She will also discuss *Tortilla Flats*, *Of Mice and Men*, *The Long Valley*, *Cannery Row*, and *The Pearl*, investigating certain stylistic and thematic aspects.

Vice President Jones has an extensive background in university administration and teaching at the secondary and college level. She was dean of the School of Letters, Arts, and Sciences at California State University, Fullerton, assistant professor of education at Fullerton and California State University, Los Angeles, and has held administrative and teaching positions in secondary schools. She has been at Cal Poly since 1974. The Books at High Noon programs, intended to promote interest in books and libraries, are sponsored by the University Library during the school year.



## General Education Studied

A major restructuring of general education-breadth requirements for students in The California State University and Colleges has been recommended by a systemwide task force. Consultation on the recommendations will begin immediately. Chancellor Glenn S. Dumke said this process should permit a new general education plan to be presented to the Board of Trustees within a year.

General education is construed as a body of knowledge all students should acquire, regardless of their major fields, in the process of obtaining a bachelor's degree. In recent years this concept of a common "core" of knowledge has come under attack across the country, largely for having disintegrated or otherwise lost meaning in contemporary society.

The task force, headed by Charles C. Adams of California State University, Chico, was appointed by Chancellor Dumke in 1977 following a recommendation of the systemwide Academic Senate. A former three-term Chair of the Senate, Dr. Adams recently was appointed Dean of Faculty at Chico. During most of the period of task force activity he served on it in the capacity of Professor of English.

Rather than regard general education as an anachronism or as a hopeless ideal (two views with which it was confronted), the 20-member task force ended its year and one-half of study with recommendations to:

- Elevate general education from an orphan status to full partnership with academic majors on the campuses. The task force recommends campus consideration of a new organizational emphasis and greater utilization of faculty with particular interests in teaching G.E. courses (which represent about one third of the undergraduate curricula) and on the academic advisement process for students in order to accomplish this objective.

- Increase minimum requirements 20 percent. Students at semester campuses would need at least 48 academic units of general education courses instead of 40 as presently required. Quarter calendar campuses would require at least 72 units of G.E. courses instead of the 60-unit present minimum.

- Define, in greater detail, the areas to be studied.

- Extend general education requirements to the junior and senior level and specify that at least nine semester units (or equivalent quarter units) be taken at the CSUC campus from which the student intends to graduate. The task force believes such units should be acquired throughout the undergraduate experience and not regarded merely as something to be "gotten out of the way" as early as possible.

- Provide for committees at both campus and systemwide levels to help assure curricular effectiveness and cohesion. A systemwide General Education Advisory Committee would include liaison membership from the California Community Colleges.

Beyond its recommendations for particular general education-breadth requirements the task force opposes baccalaureate degree credit for remedial programs and favors a distinction between general education-breadth requirements and an existing separate systemwide requirement for studies of U.S. history, Constitution and Ideals.

Task force recommendations, if adopted, for the first time would result in a systemwide statement of general education-breadth objectives. The goal is that CSUC graduates:

1. Will have achieved the ability to think clearly and logically, to find and critically examine information, to communicate orally and in writing, and to perform quantitative functions;

2. Will have acquired appreciable knowledge about their own bodies and minds, about how human society has developed and how it now functions, about the physical world in which they live, about the other forms of life with which they share that world, and about the cultural endeavors and legacies of their civilization;

3. Will have come to an understanding and appreciation of the principles, methodologies, value systems, and thought processes employed in human inquiries.

Chancellor Dumke said consultation on the task force report will involve the 19 campuses and the Academic Senate, as well as representatives of the

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# Poly Royal display winners

The Ornamental Horticulture Department took sweepstakes honors for best all-around display and exhibit during the 47th annual Poly Royal on Friday and Saturday (Apr. 27 and 28). The display, titled "Horticulture: World of Living Treasures," took the top award over two other departments in the School of Agriculture and Natural Resources in preliminary judging held on Friday.



The award for most original display was tied by the Art Department, for "A Little Bit Extra," consisting of student art in the department and the sixth annual Graphic Design show in the Galerie, and the Architecture Department for "Diamonds in the Rough - Tomorrow's Architects."

Crops Club and the Crop Science Department, took both awards in the categories of best use of the 1979 Poly Royal Theme ("Poly's Treasures — Discover Them!") and most educational exhibit for their display, "Presentation on Artichoke Production."

Judges for the departmental displays were Janet Victor of Los Angeles, publisher of Rangefinder magazine; Donald "Dutch" Van Harraveld of San Luis Obispo, a Cal Poly alumnus and

local executive with Union Oil; and Bill Murphy, a dairy and ranch realtor from Chino.

The preliminary judging results from Friday, for first, second, and third place ribbons for displays within individual schools were:

- School of Agriculture and Natural Resources - first, Crops Club and Crop Science Department; second, Ornamental Horticulture Department; third, Food Industries Department.

- School of Architecture and Environmental Design - first, Architecture Department; second, Landscape Architecture Department; third, a tie between SCARAB and the SAED Student Council.

- School of Business - first, Economics Department; second, Accounting Club; third, Society for the Advancement of Management.

- School of Communicative Arts and Humanities - first, Art Department; second, Graphic Communications Department; third, Journalism Department.

- School of Engineering and Technology - first, Engineering Technology Department, Manufacturing Processes Option; second, American Institution of Industrial Engineering; third, Industrial Technology Society.

- School of Human Development and Education - first, Child Development Department; second, Home Economics Department; third, Education Department.

- School of Science and Mathematics - first, Chemistry Department; second, Physics Department; third, Mathematics Department.

## Wives' Club's May luncheon

The annual May Luncheon for the Cal Poly Wives' Club will be "Seashells by the Seashore" on Saturday, May 12th at 12:30 pm at the San Luis Bay Inn. Dorothy Graves, 535 Islay, is reservation chairwoman (543-9693). Jean Cleveland and Espy Lascola are co-chairwomen of the event. Outgoing President Lurline Bucy will turn over the president's gavel to Sylvia Vorhies, President for 1979-80 during installation of officers.

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## Staff member wins Tut tickets

The Extended Education Office has announced that the drawing for tickets to the DeYoung Museum (San Francisco) exhibit "The Treasures of Tutankhamun" was won by Ron Christensen (Duplicating). More than 3,500 entries had been made in the competition from both on- and off-campus personnel.

## Love, love, love

A husband and wife team with special interest in human relations will present the next-to-the-last program of the Arts and Humanities 1978-79 program series on Thursday (May 17). Robert Barrows and Janet Barrows, using "Speaking of Love" as their topic, will appear at 11 am in University Union 220. The program will be free and open to the public. Poster notes for the program set the theme for the program by commenting that modern society is bombarded with many "images" of love and then adding: "These portrayals of love, however, are cursory and fail to show love as the major dynamic force in human life and in human relationships."

Dr. Barrows, a licensed psychologist and a counselor at Cal Poly, is a graduate of University of New Hampshire and the State Universities of New York at Buffalo and Albany. He formerly was a counselor and faculty member in the SUNY system and a public school teacher. Mrs. Barrows has been involved with her husband in leading a number of groups and seminars on human growth and development. She is a graduate of Mary Baldwin College (Va.) and Iowa State University.

The May 17 program will be the next to last in the current series, which is being sponsored by Cal Poly's School of Communicative Arts and Humanities. Still remaining is a lecture on "Using the 'The Force': The Physics of Love and Human Survival" to be presented on Thursday (May 24) by Dr. William A. Tiller of Stanford University.

## McCaleb acting head of PA

Donald M. McCaleb (Public Information Officer) has begun his duties as Acting Director of Public Affairs after appointment by Acting President Dale W. Andrews. He has temporarily moved his office to Adm. 401 and can be reached at Ext. 2246. During the interim before the appointment of a permanent new Director of Public Affairs, McCaleb will be assisted in the Public Information function by Kip Rutty (Agricultural Information Specialist) who can be reached in Adm. 125 at Ext. 2576.



## Fine woodwork featured in Selections '79

Sam Maloof, perhaps the most respected and renowned professional woodworker in the craft world, was the sole juror for the Selections '79 invitational wood exhibit, which will be displayed through Friday (May 25). Selections, now in its third year as a rotating craft exhibit, will be housed in the University Union Galerie. Preceding Selections exhibits have concentrated on metal and glass. The public is invited to view the excellence of the designs chosen and admission will be free.

## Band concert theme

"A Colour of Spring Music" has been selected as the theme for the annual Spring Concert of the Cal Poly Symphonic Band, which will be presented at 8:15 pm on Saturday (May 19). Scheduled in Chumash Auditorium, the concert will also feature performances by the University Winds and the Cal Poly Clarinet Quartet, both consisting of members of the Symphonic Band. All three ensembles will be under the baton of Roger C. Heath (Music) who is acting director of bands at Cal Poly during the sabbatical leave of William V. Johnson, director of bands at the university since 1966.

Heath formerly directed bands at Virginia Polytechnic University and Purdue University and has been conductor of the National Future Farmers of America Band for the past 10 years. Tickets for the event, priced at \$1.50 for students and \$3 for adults, are being sold in advance at the University Union ticket desk. They are also being sold by members of the Symphonic Band. The Spring Band Concert is being presented by the Music Department and the School of Communicative Arts and Humanities.

### General Education Studied

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community colleges. A major consideration will be to resolve differences between the task force's proposals and G.E. programs that are implemented on individual campuses. No changes in CSUC requirements would become effective prior to 1980, Chancellor Dumke said.

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## Alumni Day at Dodger Stadium

Cal Poly Alumni Day at Dodger Stadium is almost here. Reserved seat tickets, priced at \$19 each (including transportation), are available now at the Alumni Services Office in Adm. 210. The chartered bus will pick up fans at 7:30 am, Saturday (May 26), drive directly to Dodger Stadium and return to campus immediately following the game. The Los Angeles Dodgers will host the Cincinnati Reds in a 1 pm contest. For further information contact Steve Riddell (Coordinator, Alumni Services) at Ext. 1261.

## STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negranti, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, Ext. 2236. Contact the Personnel Office to obtain an application. The University is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All qualified persons are encouraged to apply.

**Departmental Secretary II-B, \$890-\$1066/month**, Architectural Engineering and Construction Departments. Duties and responsibilities include all clerical functions for department administration, maintain files on budgets, handle confidential personnel matters, prepare purchase requisitions. Work with student assistant program for School, maintain student payroll records. Use of dictation equipment. Requirements: Type 45 wpm, shorthand 80 wpm, or experience with dictation equipment, equivalent to three years office experience, and must have taken General Clerical Test. College background preferred. Closing date: 5-24-79.

**Public Safety Officer, \$1292-\$1555/month**, Department of Public Safety. Duties and responsibilities include: patrols campus on foot or by vehicle and answers calls to protect persons, property, facilities. Participates in crime prevention activities, enforces laws, traffic regulations and safety regulations on campus and cites, apprehends, or arrests violators. Conducts investigations, files reports on crimes and incidents which occur during the assigned shift. May be required to perform addi-

tional duties which enhance the safety of the campus. Minimum qualifications: Satisfaction of all Commission on Peace Officer Standards and Training (P.O.S.T.) employment standards. Satisfy all appropriate P.O.S.T. and California State University and Colleges' physical and training standards. Pass a physical agility examination. Possession of a P.O.S.T. Basic Certificate preferred. Recruitment will fill one position currently open and will establish an eligibility list which will remain current for a period of one year. Closing date: 6-8-79.

**Head Resident I, \$878-\$1052/month**, Housing Office. Duties and responsibilities include the general welfare and proper functioning of a residence hall; recruit, train and supervise student staff; function as a group facilitator to residence hall government and activities; assist students in their personal development, facilitate the development of the hall community and oversee area of limit setting. Bachelor's degree and residence hall experience preferred. 24-hour day live-in position. Closing date: 5-24-79.

## FACULTY VACANCIES

Candidates for positions on the faculty of the University are presently being sought, according to Donald L. Shelton (Director of Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This University is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All qualified persons are encouraged to apply.

**Part-time Lecturers, \$14,256-\$17,136/academic year; salary quoted is for full-time and will be adjusted according to assignment and qualifications**, Journalism Department, School of Communicative Arts and Humanities. Anticipates openings for part-time faculty during the 1979-80 academic year and Summer Quarter 1980 qualified to teach a wide range of courses including reporting, press law, public relations, advertising, photography, and broadcasting. Applicants should submit personal data forms provided by the University. Professional journalism and/or teaching experience required. Closing date: 6-15-79.

**Lecturers, \$4,752-\$5,712/quarter, salary quoted is for full-time and will be adjusted according to assignment**, Crop Science Department, School of Agriculture and Natural Resources. Possible part-time faculty needed for the 1979-80 academic



year and Summer Quarter 1980 to teach specific courses in crop science, fruit science, vegetable science, and plant protection. Advanced degree preferred. Closing date: 5-25-79.

**Lecturers, \$4,336-\$7,208/quarter; salary quoted is based on a 15-unit teaching load and will be adjusted depending on assignment and background,** Home Economics Department, School of Human Development and Education. Full and/or part-time positions anticipated for Summer 1979. Duties include directing Undergraduate Research Projects and/or teaching in one of the following areas: 1.Foods; 2.Nutrition; 3.Creative Textiles, Clothing; 4.Equipment; 5.Interior Design, Housing; 6.Management, Consumer Education. Preference will be given to candidates with doctorate. Only applicants with a Master's degree in Home Economics, Nutrition, or Interior Design from a accredited university or college will be considered. Closing date: 5-31-79.

**Assistant/Associate Professor, \$14,256-\$17,940/academic year,** Animal Science Department, School of Agriculture and Natural Resources. Position available September 1, 1979. Duties involve teaching basic animal science courses, horse production courses and serving as faculty advisor/coach of the rodeo team. Master's degree required (Ph.D. desirable) with extensive experience in Horse production work involving Thoroughbred and Quarter Horses. Closing date: 6-1-79.

**Assistant/Associate Professor, \$14,256-\$17,940/academic year,** Animal Science Department, School of Agriculture and Natural Resources. Position available September 1, 1979. Duties involve teaching basic animal science courses, production courses and reproductive physiology. Serve as coordinator of animal science senior seminars. Ph.D. in reproductive physiology required with teaching and industry experience desired. Closing date: 6-1-79.

**Assistant/Associate Professor, \$14,256-\$17,940/academic year,** Animal Science Department, School of Agriculture and Natural Resources. Position available September 1, 1979. Duties involve teaching basic animal science and meats courses and serve as faculty supervisor of student-operated meats enterprises. Masters degree required with extensive experience in meats slaughter and processing. Closing date: 6-1-79.

**Assistant/Associate Professor, \$14,256-\$17,940/academic year,** Animal Science Department, School of Agriculture and Natural Resources. Position available September 1, 1979. Duties involve teaching basic animal science courses, swine production courses, and serve as faculty supervisor of student owned and operated swine enterprises. Masters degree required (Ph.D. desirable) with extensive experience in both teaching and swine production. Closing date: 6-1-79.

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## FOUNDATION VACANCIES

The Foundation is accepting applications for the following open positions as announced by J.L. Fryer, Personnel Officer. Interested applicants may apply at the Foundation Personnel Office, University Union Building, Room 212, 546-1121. Cal Poly Foundation is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

## WHO...WHAT...WHEN...WHERE???

**Jack R. Lewis, Architecture,** has been notified that he has been selected to receive the J. Norman Hunter Memorial Award by the Construction Specifications Institute. The award, in memory of the CSI's national President 1956-58, has only been given nine times in the past twenty years. Dr. Lewis was national President of CSI in 1963-64.

**Royden Nakamura, Biological Sciences,** attended an International Symposium on Aquaculture as an invited participant in Woods Hole, Mass., during the week of March 19. The symposium was jointly sponsored by the International Federation of Institutes for Advanced Studies and the Woods Hole Oceanographic institution and focused on the application of aquaculture in less developed countries. Participants consisted of scientists and administrators from Latin America, Africa, the Mid-East (Egypt and Israel), Japan, Sweden and the United States.

**Eric V. Johnson, Biological Sciences,** attended an International Symposium on the Vultures in Santa Barbara from March 23-26. Researchers from the U.S., Canada, Europe, South Africa, and Central America presented information on the current status of vulture populations in their areas. Highlight of the conference was a session devoted to the problems of the California Condor and the current research being undertaken in preparation for captive propagation of this species for eventual release into the wild. Such releases will, in part, probably take place in San Luis Obispo County, which lies within the current and historic range of condors.

**Quintard Taylor, History,** has written a review of R. Halliburton, Jr., *Red Over Black: Slavery Among the Cherokee Indians*. The review will be published in *Umoja: A Scholarly Journal of Black Studies*, Vol. 2, No. 2, Spring, 1979.

**Donald R. Floyd, Social Sciences,** attended a March 31-April 2 seminar on "Spring in the Sierra Foothills." The seminar was sponsored by the Yosemite Natural History Association.

**Clerical Assistant II-A/B, \$729-\$931/mo.,** Bookstore. General Clerical work, takes dictation, files, assists in daily balancing of registers, takes meeting minutes, daily bookkeeping of sales and register readings. Requirements: High School education with training in secretarial skills and basic accounting; a minimum of one year experience required, three years preferred in a secretarial position. Type 45 wpm and for the II-B, take shorthand at 80 wpm; good telephone approach. Closing date: 5-24-79.

**Joanne B. Ruggles, Art,** is exhibiting an etching in the "21st Annual Exhibition of Drawings and Prints" at Oklahoma Art Center, Oklahoma City from March 25 through April 29.

**James L. Webb and Steven H. Yoneda, both Physical Education,** presented a seminar in various aspects of sports medicine in conjunction with the San Luis Obispo Red Cross Marathon, March 31.

**James A. D'Albro, Ornamental Horticulture,** presented an evening program to the NTET Lions Club of San Luis Obispo on April 13. The program was titled "Agriculture in the Future."

**Joanne B. Ruggles, Architecture and Art, and Phillip Ruggles, Graphic Communications,** recently received word that their coauthored book *Darkroom Graphics: Creative Techniques for Photographers and Artists* (Amphoto, 1975) will soon be published in an Italian edition.

**James Webb, Physical Education,** spoke to a group of California nutrition educators at Santa Barbara City College, April 13-14. The title of Dr. Webb's talk was "Sports Medicine, Physical Fitness and Health."

**Habib Sheikh and Gloria Jameson, both English,** attended the Tenth Annual Conference of the California Association of Teachers of English to Speakers of Other Languages, in Los Angeles, April 6-8.

**Donald W. Hensel, History,** presided over a workshop on simulations at the annual meeting of the Organization of American Historians in New Orleans, April 12. With the assistance of students from universities in New Orleans, he demonstrated and analyzed a structured simulation on the decision to use the atomic bomb in 1945.

**George M. Eastham, Acting Head, Economics, and James B. Griffin, Economics,** were participants at a conference on monetary economics and central banking held at the Federal Reserve Bank in Los Angeles on April 24-25.



# encouraging notes

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\*\*\* NATIONAL INSTITUTES OF HEALTH - RESEARCH GRANT PROGRAM. These grants are offered as follows:

CATEGORY I: Basic and applied research studies including: (1) social policies and laws and their impact on rape; (2) actual rape incidence in relation to reported cases; (3) studies on high risk groups and potentially vulnerable rape situations; (4) special problems with the more helpless in rape situations, e.g., children and juveniles, the elderly, and the handicapped; (5) rape in correctional institutions; (6) social attitudes and motivations leading to sexual assaults; (7) rape impact on victims and treatment needs of the victims and their families; (8) studies on rapists and implications for treatment; (9) organizations and program activities for rape prevention and treatment of victims and offenders.

CATEGORY II: Research-demonstration projects involving: (1) a variety of mental health, counseling, social, and legal services to rape victims and their families; (2) programs concerned with appropriate medical treatment for rape victims; (3) models of community-wide and regional efforts directed at improved rape awareness and service programs; (4) models of community education to achieve community, citizen, and professional awareness of the problems of rape; and (5) a variety of intervention strategies to deal with rape in correctional institutions.

The range of funding for each of these grant categories is variable depending upon the nature of the project.

For further information, contact: Mrs. Elizabeth Kutzke, Chief, National Center for the Prevention and Control of Rape, 5600 Fishers Lane, Room 10C-03, Rockville, MD, 20857. Telephone: (301) 443-1910. DEADLINE: 7/1/79

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\*\*\* AMERICAN COUNCIL OF LEARNED SOCIETIES - TRAVEL GRANTS FOR HUMANITIES. Travel grants to scholars in the humanities to participate in international (national and regional do not apply) scholarly congresses and research conferences held outside the U.S., Canada, and Mexico. Only scholars who are to read papers or have a major, official role in the conference are eligible. Funds will be granted in the form of reimbursement for documented travel expenses. This deadline applies to conferences to be held between November 1979 and February 1980. To request application forms, persons should address an inquiry to the Travel Grant Office of the ACLS, setting forth the name, dates, place and sponsorship of the meeting, as well as a brief description of the nature of the applicant's scholarly interests and his or her proposed role in the meeting.

For further information, contact: David Arentz, Travel Grant Program, American Council of Learned Societies, 345 East 46th Street, New York, NY, 10017. Telephone: 212-986-7393. DEADLINE: 7/1/79

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\*\*\* ALEXANDER VON HUMBOLDT FOUNDATION - POSTDOCTORAL RESEARCH FELLOWSHIPS. Stipends from \$1,900 to \$2,600 per month (plus travel expenses) for six to twelve months (extension possible) to highly qualified scholars for research projects of their choice to be conducted at universities and research institutions within the Federal Republic of Germany and West Berlin. Scholars of any nationality may



apply (German nationals excluded), and may conduct research in any academic discipline (including the humanities, and the natural and social sciences). Research fellows will participate in a follow-up program after their return to their home country. Up to 440 fellowships can be awarded annually by the selection committee which meets in March, July and November. Candidates should submit completed applications five to seven months prior to the date of their planned research stay.

For further information, contact Dr. Heinrich Pfeiffer, Secretary General, Jean-Paul Street 12, D-5300 Bonn-Bad Godesberg, Federal Republic of Germany.

*NO DEADLINE.*

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\*\*\* THE CENTER FOR FIELD RESEARCH - SUPPORT FOR FIELD RESEARCH. Interested faculty in need of funds and volunteers to support their field research investigations should contact The Center for Field Research. This private, non-profit organization has raised over \$2 million to support over 350 research expeditions in 25 states and 48 countries. The funds and field staff to assist Principal Investigators are raised through private subscription, i.e., interested citizens who have the time and talent to help scientific investigation and who are willing to make a contribution to project costs.

Working in cooperation with EARTHWATCH, a national volunteer organization, The Center subsidizes over 65 expeditions annually in the following disciplines: Anthropology, archaeology, art history, astronomy, biology, botany, cartography, conservation, ethology, folklore, geography, geology, historic preservation, marine sciences, medicine, meteorology, musicology, ornithology, public health, sociology, zoology.

Preliminary proposals of two pages should cite research objectives, project dates, and the need for funds and volunteers. After favorable review of the preliminary proposal, center staff will invite a formal proposal, which must precede field work by nine months. Preliminary proposals should be sent to Elizabeth E. Caney, Director of Research, The Center for Field Research, 10 Juniper Road, Box 127-E, Belmont, Massachusetts, 02178. Or call (617) 489-3032 for further information.

*DEADLINE: 10/1/79.*

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\*\*\* DEPARTMENT OF TRANSPORTATION - PROGRAM OF UNIVERSITY RESEARCH FY 1980. The purpose of this program is to assure that resources of the higher education community are effectively brought to bear on transportation problems and, in particular, on those problems related to national transportation policy. Specific research problems have been identified for the FY 1980 annual solicitation which fall into one of the following broad categories: (1) control in transportation systems; (2) maintenance and upgrading of transportation facilities; (3) technology for advanced transportation safety technology; (4) transportation safety technology; (5) transportation and community development; (6) transportation planning methodologies; and, (7) freight transportation.

Solicitation booklets will be made available by writing: Office of University Research (DPB-50), Research and Special Programs Administration, Department of Transportation, 400 - 7th Street, S.W., Washington, DC, 20590, Attention: Helen Whitfield, (202) 426-0190.

*DEADLINE: 11/1/79. No other solicitation is planned for FY 1980.*

\*\*\* Contact agency directly.